

Rack-Mounted GPON OLT



UB5004 GL

4 PON PORTS

2 AC DUAL POWER SUPPLY

Product Description

UB5004 GL GPON OLT products are 1U height 19 inch rack mount products. The features of the OLT are small, convenient, flexible, easy to deploy, high performance. It is appropriate to be deployed in compact room environment. The OLTs can be used for "Triple-Play", VPN, IP Camera, Enterprise LAN and ICT applications.

This product meets the requirements in device performance and size of compact server room as the product has high performance and compact size, is convenient and flexible to use, and is easy to deploy as well. Moreover, the product meets the requirements of promoting network performance, improving reliability and reducing power consumption in the perspective of access network and enterprise network and is applicable to three-in-one broadcast television network, FTTP (Fiber to the premise), video monitoring network, enterprise LAN (Local Area Network), internet of things and other network applications with a very high price/performance ratio.

Product Features

► **Satisfactory standard**

Meet ITU-T G.984/G.988 standard and relative GPON standards of Communication Industry

► **Easy to manage**

Friendly EMS/Web/Telnet/CLI management
CLI command style similar to mainstream manufacturers
Support APP management

► **Fully open platform**

Open to any brand of ONT

► **High performance cost**

1U height compact design
Adopt mainstream chip scheme

Easy-to-Use management system

Complete PON protection switching function

PRODUCT FEATURES AND SPECIFICATIONS

UB5004 GL GPON OLT

GPON Port

QTY: 4
Physical Interface: SFP Slot
Connector Type: Class C+
Max splitting ratio: 1:128

Chassis

Rack: 1U 19 inch standard box

1G/10G Uplink Port

QTY: 4
Copper 10/100/1000M auto-negotiation: 2
SFP 1GE : 2
SFP+ 10GE : 2

Management Ports

1*10/100BASE-T out-band port,
1*CONSOLE port,
1*USB(Type-C)

Operating Environment

Working Temperature: 0~+50°C
Storage Temperature: -40~+85°C
Relative Humidity: 5~90% (non-conditioning)

Layer 2

16K Mac address;
Support 4096 VLANs;
Support port VLAN and protocol VLAN;
QoS based on port, VID, TOS and MAC address;

PON Port Specification (Class C+ module)

Transmission Distance: 20KM

GPON port speed

Upstream: 1.244G
Downstream: 2.488G

Wavelength: TX 1490nm, RX 1310nm
Connector: SC/UPC
Fiber Type: 9/125µm SMF
TX Power: +3~+7dBm
Rx Sensitivity: -30dBm
Saturation Optical Power: -12dBm

General Specifications

Dimension (L*W*H)
442*220*43.6mm

Weight: 2.8kg

AC Power Supply:

AC:100~240V, 47/63Hz

Double Power Module Hot Backup: ✓
Power Consumption: 45W

Layer 3

ARP proxy, 1024 hardware Host Routes, 512 hardware Subnet Routes;
Support 802.1X, Radius, Tacacs+;
Support IP source guard;
Support static route;
Optional Support Dynamic route RIP v1/v2, RIPng;
Optional Support OSPF v2/v3;

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